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(Kooperativno Zemedelie, Vol. (12) no. 5, May 1957. Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

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Unforgettable travel in our country. P. 21 GEOMRAFILE Vol. 5,
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PENTKOVSKIY, Nikolay Ivanovich, kandidat tekhnicheskikh nauk; ~~DIKOV, N.D.~~,
kandidat tekhnicheskikh nauk, nauchnyy redaktor; BEGAK, B.A.,
redaktor izdatel'stva; PERSON, M.N., tekhnicheskiy redaktor

[Organization and planning of construction work] Organizatsiya i
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(Building)

ZEM'KOV, I.S.; DIKOV, N.D.; TITOVA, V.A., tekhn.red.

[Organization and planning of construction enterprises]
Organizatsiia i planirovanie stroitel'stva. Moskva, Vses.
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(MIRA 1.4:2)

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VARENIX, Ye.I., doktor tekhn.nauk, prof.; KANTORER, S.Ye., kand.tekhn.nauk, dotsent; PARABENK, G.E., kand.tekhn.nauk, dotsent; GALKIN, I.G., kand.tekhn.nauk, dotsent; PETROV, I.A., doktor tekhn.nauk, prof.; VIKHREV, I.D., kand.tekhn.nauk, dotsent; DIKOV, N.D., kand.tekhn.nauk, dotsent; SIRTSOVA, Ye.D., kand.tekhn.nauk, dotsent; BRISMAN, I.A., ekonomist; IL'IN, V.M., inzh., nauchnyy red.; LNYKIN, B.P., ekonomist, nauchnyy red.; SKVORTSOVA, I.P., red.isd-va; GERASIMOVA, G.S., red.isd-va; GOL'BERG, T.M., tekhn.red.; KASIMOV, D.Ya., tekhn.red.

[Organization and planning in the construction industry] Organizatsiia i planirovanie stroitel'nogo proizvodstva. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 526 p. (MIRA 14:12)

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(Construction industry)

VARENİK, Ye.I.; PETROV, I.A., doktor tekhn. nauk; KANTORER, S.Ye.,
doktor ekon. nauk; GALKIN, I.G., doktor ekon. nauk;
PARAUBEK, G.E., kand. tekhn. nauk; DIKOV, N.D., kand. tekhn.
nauk; VIKHREV, I.D., kand. tekhn. nauk; SYRTSOVA, Ye.D.,
kand. tekhn. nauk; BALIKHIN, M.I., kand. ekon. nauk;
BRISKMAN, I.A., ekonomist

[Organization and planning of construction production] Or-
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2. izd. [By] E.I.Varenik i dr. Moskva, Stroizdat, 1965.
531 p. (MIRA 18:2)

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KARTASHOV, I.P., red.; DIKOV, N.N., red.; DRABKIN, I.Ye., red.;
ZIL'BERMINTS, A.V., red.; NIKOLAYEVSKIY, A.A., red.; FIRSOV, L.V.,
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no.4) (MIRA 18:11)

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Vol. 4, no. 7/8 1955

RADIO

Sofiya, Bulgaria

So: Eastern European Accession Vol. 5, no. 4, 1956

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#7-8:22:Aug. 55

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Conical antenna. p. 21.

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Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

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Long-distance reception during December and January. p. 15.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

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SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

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Some problems of heredity in remote hybrids between sheep and goats,
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1. Institute of Biology and Pathology of Farm Animal Breeding,
Sofia, Bulgaria.

(HYBRIDIZATION)

(SHEEP)

(GOATS)

BRATANOV, K. corresp. member, Bulgarian Academy of Sciences; POPIVANOV, R.; VULCHANOV, V. N.; DIKOV, V.

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1. Institute of Biology and Pathology of Farm Animal Multiplication at the Bulgarian Academy of Sciences, Chair of General Biology, Higher Medical Institute, Sofia, and Microbiological Institute at the Bulgarian Academy of Sciences.

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1. Institute of the Biology and Pathology of Reproduction of
Domestic Animals. Submitted July 30, 1964.

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st. inzh.; SULOTSKIY, B.P., st. tekhnik; ABDULINA, Kh.M.,
st. tekhnik; ZAYTSEV, B.D., otv. za vypusk; SHIROKOVA, G.M.,
red. izd-va; MIKHEYEVA, A.A., tekhn. red.

[Instructions U5-62 for the major repair of machinery used in
construction] Ukazaniia po kapital'nomu remontu mashin, za-
niatykh v stroitel'stve (U 5-62). Moskva, Gosstroizdat.
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mounted cranes and loaders; the K-32 LAZ-690 and K-51 truck-
mounted cranes and the T-107 loader] Tekhnicheskie uslovia na
kapital'nyi remont avtomobil'nykh kranov i pogruzchikov; avto-
krany K-32, LAZ-690 i K-51 pogruzchiki T-107. 1963. 119 p.
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(Construction equipment--Maintenance and repair)

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1. Institut de morphologie de l'Academie Bulgare de Sciences.
(LUNGS, anatomy and histology,
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(FROGS AND TOADS,
lung histol.)

BULGARIA/Farm Animals. Horses.

Q.

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16759.

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Card : 2/2

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Where the nonobservance of meat product standards leads.
Ratsionalizatsiia 14 no.4:27-28 '64.

1. Scientific Research Institute for Sanitation and Public Hygiene.

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st. tekhnik; ABDULINA, Kh.M., st. tekhnik; SHIROKOVA, G.M.,
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[Instructions (U 5-62) for the major repair of machinery
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1962. 14 p. (MIRA 16:3)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut orga-
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TS213.D5

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1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov
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(Nura-Taldy region (Kazakhstan)--Pyrites)

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temperature postmagmatic mineral formations. Geokhimiia no.3:
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1. Institute of Mineralogy, Geochemistry and Crystal Chemistry
of Rare Elements, Institute of Crystallography, Academy of
Sciences, U.S.S.R., Moscow.
(Beryllium) (Ore deposits) (Geochemistry)

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1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov Ministerstva geologii i okhrany nedr SSSR. Predstavleno akademikom D.S.Korzhinskim.

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1. Institut mineralogii, geokhimii i kristallografii AN SSSR, Moskva.

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(Uranium)

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DIKOVA, A.A.; DYNNIK, I.B.

Clinical aspects, diagnosis and therapy of benign tumors of the
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1. Iz gosital'noy khirurgicheskoy kliniki (zav. - prof. B.A.
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(ESOPHAGUS—TUMORS)

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Ja-F '62. (MIRA 15:3)

1. Kafedra gospi'tal'noy khirurgii (zav. - prof. B.A. Korolev)
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(PANCREAS--SURGERY)

DIKOVA, A.A.

Closed injury of the cranium and brain. Khirurgiia no.9:65-69
'61. (MIRA 15:5)

1. Iz kafedry gosspital'noy khirurgii (zav. - prof. B.A. Korolev)
Gor'kovskogo meditsinskogo instituta.
(BRAIN--WOUNDS AND INJURIES)

DIKOVA, A.A., prof.

Meckel's diverticulum as the cause of intestinal obstruction
in children. Khirurgiya 40 no.9:102-106 S 161 (MIRA 1962)

I. Kafedra khirurgii detskogo vozrasta (zase. -- prof. A.A.
Dikova) Gor'kovskogo meditsinskogo Instituta imeni Kirova.

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Dikova, M. G. -- "Effect of the Nature of Solvents on the Speed of Electrode Processes in Connection With Adsorption Phenomena on the Electrodes." Cand Chem Sci, Dnepropetrovsk Chemicotechnological Inst, Dnepropetrovsk 1953. (Referativnyi Zhurnal-- Khimiya, No 1, Jan 54) *U.S. Atomic Energy Commission and F.B.I. Dnepropetrovsk*

SO: SUN 168, 22 July 1954.

Effect of the nature of the solvent on chemical adsorption
polarization. I. Degree of irreversibility of electrode
processes. M. A. Loshkarev and N. S. Dikova. *Tr. Vsesoyuzn. Khim. Tekhnol. Inst., Dnepropetrovsk* (Ukrainian). *Khim. Zhur.* 22, 457-65 (1950) (in Russian). With
ag. solns. camphor (I), thymol (II), 2-naphthol (III),
(PhCH_2N) (IV), and $\text{PhNH}(\text{CH}_2)_2\text{OH}$ (V) are adsorbed in a
difficultly penetrable layer on the surface of the dropping
Hg cathode and consequently alter the shape of the polar-
ographic wave for the discharge of Hg, Pb, Ni, Cd, and Sn.
In HClO_4 , II and III do not show any braking effect,
perhaps because of their acidic properties and the basicity
of the solvent. A mixt. of II and IV has some action, and
the neutral I is quite active. In mixed alc.- H_2O and ac-
tone- H_2O solns. most of the substances do not have any
effect on the dielec. const. of the medium is less than 45.
However V and especially IV maintain their braking effect at
lower dielec. const. values; this indicates that inhibitors
for electro processes in solns. of low diec. const. can
be developed.

John Howe Scott

GUNCHEVA, Tamara Dimitrova; DIKOVA, Nadezhda Sofronieva

Cotton. Prir i znanie 14 no.7:1-5 S '61.

L 25479-66 EPF(n)-2/EWT(1)/EWT(m)/T/EWP(t) IJP(c) WW/JD/JG

ACC NR: AP6009688

SOURCE CODE: UR/0181/66/008/003/0936/0938

AUTHOR: Dikova, L. K.; Sytaya, Ye. P.; Shuppe, G. N.

ORG: Tashkent State University im. V. I. Lening (Tashkentskiy gosudarstvennyy universitet)

TITLE: Thermoelectronic properties of the (110) and (111) faces of single-crystal tungsten coated with a thorium film

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 936-938

TOPIC TAGS: thermoelectric property, electron emission, tungsten, single crystal, work function, metal film, thorium, pressure effect

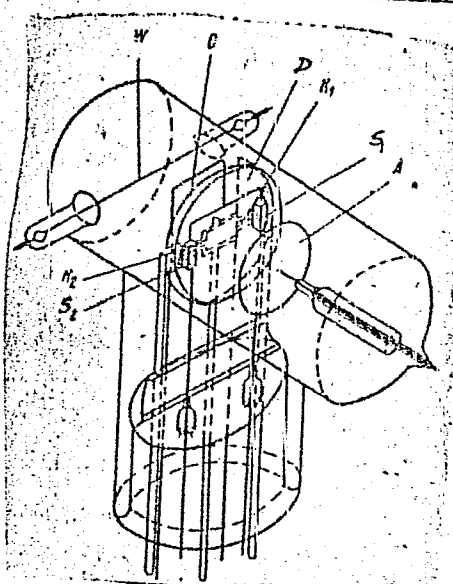
ABSTRACT: To check on the theoretical conclusions of E. P. Gyftopoulos and I. D. Levine (J. Appl. Phys. v. 33, 67, 1962) that work-function minima can appear on thorium films only if deposited on the (110) face of tungsten, the authors investigated in the temperature range 1300--1600K the variation of the emission current with time following sputtering of thorium on the (110) and (111) faces of monocrystalline strips of tungsten. The crystals were prepared by a procedure described earlier (Nauch. tr. Tashkent. gos. univ., vyp. 221, 123, 1965) and tested in a specially designed instrument (Fig. 1). The test results have shown that no minima of work functions occurred for the (110) face at pressures 10^{-7} -- 10^{-9} mm Hg, or for the (111) face at 10^{-8} -- 10^{-9} mm Hg. The only work-function minima occurred for the (111) face when the residual-gas pressure was approximately 10^{-7} mm Hg, and also during the initial stages of the test, in agreement with the earlier results. The work function

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1. 25479-55

ACC NR: AP6009688

Fig. 1. Schematic diagram of instrument.
K -- single crystals, D -- diaphragm,
O -- guard disc, S -- source, A -- anode.



of the crystal coated with thorium was found to be equal to the work function of pure thorium (3.4 ev) for both faces. Causes of erroneous results obtained by others are briefly discussed. Orig. art. has: 5 figures.

SUB CODE: 20

SUBM DATE: 17Jul65/

ORIG REF: 003

OTH REF: 003

Card 2/2

CC

DIKOVA S.A.
NICHIPORENKO, S.P., kandidat tekhnicheskikh nauk; DIKOVA, S.A., inzhener.

Reasons for the formation of waviness in the process of molding
structural ceramics. Nov.v stroi.tekh. no.8:73-79 '56. (MLRA 9:11)
(Ceramics)

DIKOVA, S.A.

NICHIPURENKO, S.P.; DIKOVA, S.A.

On the presence of the maximum ultimate Newtonian viscosity in
ceramic masses [with summaries in Russian and English]. Dop. AN
URSR no.3:290-292 '57. (MLRA 10:9)

1. Institut budivel'nikh materialiv Akademii arkhitekturi i
buditel'stva URSR. Predstavleno akademikom Akademii nauk USSR
A.V.Dumanskim.

(Ceramics)

ZHUKOV, A., kand. tekhn. nauk; SAKHAROVA, N., kand. tekhn. nauk; INOSOVA, N.,
inzh.; DIKOVA, SA inzh.

Technological characteristics of producing double-layer facing bricks.
(MIRA 11:12)
Stroi. mat. 4 no.12:15-16 D '58.
(Brickmaking)

RUDENKO, P.M.; DIKOVA, S.A.

Making ceramic bricks and ceramic-brick panels. Stroi.mat.
6 no.4:10-12 Ap '60. (MIHA 13:6)
(Hollow bricks) (Building blocks)

ZHURAV, A.V.; RUDENKO, F.H.; ZENENBERG, M. Ye.; DOKOVA, S.I.

Elastic formation of efficient ceramic stone from poor raw
materials. Stroi. mat., det. i izd. no. 2821-31 '65
(MERA 19:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'-
nykh materialov i izdeliy, Kiyev.

ZHUKOV, A.V.; GOROKHOVSKIY, A.D.; DAMASKIN, S.A.; RUDENKO, P.M.;
ZONENBERG, M.F.; DIKOVA, S.A.; GAYDAY, V.K., red.

[Production of large wall elements from ceramics] Proizvod-
stvo krupnykh stenovykh konstruksii iz keramiki. Kiev,
Budivel'nyk, 1965. 33 p. (MIRA 18:8)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy insti-
tut stroitel'nykh materialov i izdeliy.

DZHAFAROVA, L. T.; DIKOVA, V. Yu. (Baku)

Sickle cell anemia in childhood. *Pediatrics* 41 no.3:55-57 '62.
(MIRA 15:2)

1. Iz kafedry pediatrii (zav. - dotsent A. R. Useynov) Azerbaydzhan-
skogo instituta usovershenstvovaniya vrachey (dir. - prof. A. M.
Aliyev).

(ANEMIA)

DIKOVENKO, YE. A.

"The Reaction of the Blood-forming System, under the Influence of Ionizing Radiation on the Organism" p. 133, in the book Experience in the Use of Radioactive Isotopes in Medicine R. Ye. KAVETSKIY and I.T. SHEVCHENKO, pub. lishing House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a conference held in KIEV from 18-20 January 1954.

So: 1100235

1559 Denaturation changes under the influence of X-rays on
tumours. S. N. Alexandrov and E. A. Dikovenko *Bull. Akad. Nauk
Sov. Biol.*, 1955, No. 7, 64-68; *Russk. Zh. biol. Khim.*, 1956,
A15tr. No. 15778.—The order of the various changes following
localised irradiation of tumours in mice and rats was investigated.
With a dose of 7,500-13,000 r, there first occurred a suppression
of mitotic activity (after 1 hr.); after 20 hr. there was a lowering
of the staining power of the cytoplasm by pyronine, indicating a
diminution of the quantity of RNA, and edema and rarefaction of
the tissue. After 45 hr. there was a diminution of DNA (as shown
by the Feulgen reaction), an increase in size or pyknosis of the nuclei,
and only after this was there a loss of granule formation on vital
staining with Neutral Red, indicating a denaturation of the proteins.
At doses of 500-3,600 r granule formation was even somewhat
raised; general irradiation with 26,000 r led to the death of the
animal in 1-2 hr. and a loss of granule formation was not seen in
the tumour or in the animal's tissues. Denaturation of proteins
is only the last stage of irradiation injury. (Russian)
T. K. Parsons

Exptl. Cancer Div., Cent. Sci. Res. Roentgen-Radiological Inst, Min. Health USSR

DIKOVENKO, YE. A.

DIKOVENKO, YE. A. "Changes in the metabolism of nucleic acids under the effects of X-ray radiation on the organism (experimental investigation)." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1956.
(Dissertation for the Degree of Candidate in Sciences)
Medical

So: Knizhnaya Letopis', No. 18, 1956

DIKOVENKO, F. A.

1934, Changes in blood-forming system under the influence of X-ray irradiation. F. A. Dikovenko and L. P. Bogdanov. *Vopr. Onkol.* 1936, No. 1, 21-23. *Izvest. Zh. Biol.* 1936, No. 10, 70-71. Rats and mice had their heads exposed to dose rate of 64 r per 2 min. The total dose amounted to 100-1500 r. Irradiation experiments were also made in conjunction with proteine anaesthesia, with narcosis, and with prior introduction of atropine. With a dose of 600 r and over, there was more or less sharp (depending on the dose) development of leucopenia (beginning with the 1st day), interrupted on the 4th or 5th day by a slight increase of leucocyte count. With doses of 4500 r and 1500 r, in 4 to 6 days, lymphocytosis appeared (changing with further normalization of number of leucocytes). Larger doses caused retardation of bone marrow cell development and appearance of aplastic processes in marrow and spleen. By 20th to 21st day decrease of erythrocytic and Hb contents was observed. In experiments with an additional irradiation of the nervous system, no peculiarities of radiation sickness were observed. (Russian) K. Luschniowski

12/22/40

DIKOVENKO, Ye. A.

USSR / Human and Animal Physiology. Effect of Physical Factors. T-13

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3948

Author : Dikovenko, Ye. A.

Inst : Not given

Title : Alterations of Nucleic Acid Metabolism in Radiation Sickness

Orig Pub : Tr. Vses. konferentsii po med. radiol. Eksperim. med. radiol. M., Medgiz, 1957, 96-99

Abstract : At various periods after X-ray radiation with a total of 300 and 2000 r, rats were injected intramuscularly with $\text{P} = \text{pNa}_2\text{HP}^{32}\text{O}_4$ with an activity of 10 - 15 μ Curie. The animals were killed 2 - 4 hours later and the inclusion level of P^{32} in nucleic acid fractions isolated from various organs and tissues was determined as an index of their regeneration. Simultaneously, the tissue content

Card 1/3

USSR / Human and Animal Physiology. Effect of Physical Factors. T-13

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3948

of nucleic acid were determined by chemical methods. Even in the first days after irradiation with 300 r and in the first hours after the 2000 r-radiation, a considerable decrease of nucleic acid metabolism was noted in the hemopoietic and lymphatic tissues and in the mucosa of the small intestines. In the liver, the initial decrease soon gave way to an increase. No substantial shifts were revealed in the kidneys, brain and muscles. With a dose of 2000 r, this decrease in the nucleic acid metabolism became larger and larger right up to the death of the animals, which occurred 3 - 4 days after irradiation. With a dose of 300 r the decrease was less pronounced, and on the 4th day it had already changed to a rise and gradually approached the norm. The shifts in the contents of nucleic acid corresponded to the changes in the rate of their

Card 2/3

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USSR / Human and Animal Physiology. Effect of Physical Factors. T-13

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3948

metabolism after uptake of P^{32} . Similar, but less marked changes of metabolism were noted in rats in which only the head was exposed to irradiation in doses of 600 and 4500 r, while the other parts of the body were shielded. After irradiation of the abdomen with a dose of 2000 r, disturbances of nucleic acid metabolism in the organs directly exposed to the radiation were more pronounced than in the non-irradiated organs. The disturbances of the nucleic acid metabolism always preceded the appearance of clinical symptoms of the radiation sickness and the development of destructive changes in organs and tissues. Restoration of the nucleic acid metabolism following sublethal doses of radiation occurred much faster than the regeneration of the affected tissues. -- E. B. Glikson

Card 3/3

COUNTRY : USSR T
 CATEGORY : Human and Animal Physiology, Physical Factors
 ABS. JOUR. : RZhBiol., No. 5 1959, No. 22610
 AUTHOR : Dikovenko, E.A.
 INST. : Moscow Medical Institute
 TITLE : The Metabolism of Tissue Nucleic Acids in Radiation Sickness of Moderate Severity.
 ORIG. PUB. : Uch. zap. 2-y Mosk. med. in-t, 1957, 6, 132--136
 ABSTRACT : An investigation was made of the nucleic acid content and exchange rate according to the uptake of radioactive phosphorus, P^{32} , in rat tissue following total irradiation with a dose of 300 r, which ordinarily did not lead to the animal's death, but produced radiation sickness of moderate intensity. P^{32} with an activity of 10 to 15 microcuries was injected 4 hours before irradiation. During the first day after irradiation there was a retardation of the rate at which P^{32} was included in the DNA and RNA of the spleen, thymus gland, 1/3
 Card: T-124

COUNTRY	: USSR	T
CATEGORY	:	
ABS. JOUR.	: RZhBiol., No. 5 1959, No. 22610	
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	bone marrow and intestinal mucosa; DNA replacement was inhibited to a greater extent than that of RNA. The total DNA content of the spleen, bone marrow and thymus gland was significantly reduced. The RNA content of the thymus gland and bone marrow was likewise diminished. The recovery of nucleic acid metabolism proceeded in a wave-like fashion. A normal and stable rate of inclusion of P^{32} in DNA and RNA was established toward the 14th day after irradiation. Normal DNA levels in the hematopoietic organs were	
Card:	2/3	

COUNTRY	: USSR	T
CATEGORY	:	
ABS. JOUR.	: RZhBiol., No. 5 1959, No. 22610	
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	:	
		established toward the 18th day. A rise in nucleic acid metabolism occurred earlier than restoration of the normal function and structure of those organs most affected by radiation sickness.--V.N.Gershanovich
Cord:	3/3	
		T-125

USSR/Human and Animal Physiology (Normal and Pathological).

T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80125.

Author : Dikovenko, Ye. A.

Inst :

Title : Influence of X-Ray Exposure of An Area of the Abdomen
on the Metabolism of Nucleic Acids in the Tissues.

Orig Pub: Uch. zap. 27 Mosk. med. in-t, 1957, 6, 137-143.

Abstract: The exposure of the abdomen of rats to a dose of 2000 r caused changes of metabolism of nucleic acids in the exposed tissues (spleen, mucosa of the small intestine, liver), as well as in those unexposed (marrow of the posterior extremities, lymph nodes of the mediastinum, and thymus). In the exposed sections of the blood-forming system, inhibition of the nucleic acid metabolism is more expressed.

Card : 1/2

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DIKOVENKO, Ye.A.

Changes in the nucleic acid metabolism of internal organs following
x-irradiation of the brain [with summary in English]. Med.rad.
3 no.2:42-46 Mr-Apr '58 (MIRA 11:5)

1. Iz tsentral'nogo nauchno-issledovatel'skogo rentgeno-radio-
logicheskogo instituta Ministerstva zdravookhraneniya SSSR i II
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova (nauchnyy
rukovoditel' - chlen-korrespondent AMN SSSR prof. L.F. Larionov).

(NUCLEIC ACID, metab.

eff. or x-irradiation of brain (Rus))

(ROENTGEN RAYS, eff.

irradiation of brain on nucleic acid metab. of various
tissues (Rus))

(BRAIN, eff. of radiations on

x-ray, eff. on nucleic acid metab. of various tissues (Rus))

DIKOVENKO, Ye. A.

was

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 59

4626. **Changes in nucleic acid metabolism in various organs following total X-ray irradiation (Russian text)** DIKOVENKO E. A. *Med. Radiol.* 1958, 3/6 (51-55) Graphs 2

The author studied the content and metabolism of nucleic acids on the basis of the incorporation of P^{32} into the various organs of rats subjected to total X-ray irradiation in the dose of 2,000 r. Considerable inhibition of the DNA metabolism and a less pronounced inhibition of RNA metabolism were observed in the mucous membrane of the small intestine previous to a decrease in the concentrations of nucleic acids in this tissue. The most significant changes found in the liver consisted in an acceleration of RNA metabolism and a parallel increase in its concentration. There were no noticeable changes in nucleic acid metabolism in the kidneys, brain or thigh muscles. It is assumed that the disturbed synthesis of nucleic acids found in the haemopoietic organs and intestines may be one of the important causes of functional and structural changes in these organs.

Iz Tsentral'nogo rentgeno-radiologicheskogo instituta Ministerstva
zdravookhraneniya SSSR i II Moskovskogo meditsinskogo instituta

DIKOVENKO, Ye.A. (Sukhumi)

Dynamics of leucocytic reactions in rabbits in acute radiation sickness. Pat.fiziol.eksp.terap. 4 no.1:20-24 Ja-F '60. (MIRA 13:5)

1. Iz Sukhumskego instituta eksperimental'noy patologii i terapii AMN SSSR.

(RADIATION INJURY blood)

(LEUCOCYTE COUNT radiation eff.)

DIKOVENKO, Ye.A. (Sukhrai)

State of thermoregulation in experimental radiation sickness. Pat.
fiziol. i eksp. terap. 4 no. 5:62-63 S-O '63. (MIRA 13:12)

1. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR.
(RADIATION SICKNESS) (BODY TEMPERATURE)

LAGUTINA, N.I., prof., red.; LAPIN, B.A., doktor med. nauk, red.;
CHERKOVICH, G.M., kand. med. nauk, red.; SOLOPAYEV, B.P.,
kand. med. nauk, red.; DIKOVENKO, Ye.A., kand. med. nauk,
red.; FUFACHEVA, A.A., mladshiy nauchnyy sotr., red.;
AVAKOV, P.V., tekhn. red.

[Problems in the physiology and pathology of monkeys] Voprosy
fiziologii i patologii obez'ian; sbornik rabot. Sukhumi,
1961. 339 p. (MIRA 15:11)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut ekspe-
rimental'noi patologii i terapii, Sukhum.
(MONKEYS—PHYSIOLOGY)

DIKOVICH, I.L., inzh.

Investigating the maximum carrying power of beams under the
effect of suddenly applied loads. Trudy NTO sud.prom. 8
no.4:3-30 '59. (MIRA 13:5)
(Naval architecture) (Girders)

PHASE I BOOK EXPLOITATION

SOV/6231

Dikovich, Igor' Leonidovich

Dinamika uprugo-plasticheskikh balok (Dynamics of Elastoplastic Beams).
Leningrad, Sudpromgiz, 1962. 291 p. 2200 copies printed.

Ed.: V. V. Novozhilov; Reviewers: L. M. Kachanov, Professor, Doctor of
Physical and Mathematical Sciences, and A. P. Filin, Professor, Doctor
of Technical Sciences; Ed.: A. I. Kuskova; Tech. Ed.: L. M. Shishkova.

PURPOSE: The book is intended for designers and scientific workers dealing
with the strength of constructions under random dynamic loads. It can be
used by students in schools of higher education studying the strength of
materials and vibration theory.

COVERAGE: The behavior of elastoplastic systems subjected to the action of
dynamic loads is discussed in the book, which systematizes information
scattered in Soviet and non-Soviet periodicals. The main emphasis is on

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Dynamics of Elastoplastic Beams

SOV/6231

explaining modern theories of dynamic analysis of beams made from materials possessing plastic properties. The use of elastoplastic and rigid-plastic representations in the solution of dynamic flexural problems is discussed. All investigations are based on conventional assumptions of the beam-flexure theory. A preface commending the book is written by V. V. Novozhilov. In 1961 the work received the P. F. Papkovich award. No personalities are mentioned. There are 37 references: 25 Soviet (including 13 translations, mainly from English), 11 English, and 1 French.

TABLE OF CONTENTS:

Preface	3
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Introduction	6
Ch. 1. Fundamentals of the Applied Theory of Elastoplastic Flexure	10
1. Introductory remarks	10
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SOV/137-57-11-21303

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 97 (USSR)

AUTHOR: Dikovich, L.V.

TITLE: Utilization of Economical Rolled Shapes in Shipbuilding (O primeneniі ekonomichnykh profiley prokata v korablestroyenii)

PERIODICAL: V sb.: Ratsionalizatsiya profiley prokata. Moscow, Profizdat, 1956, pp 178-180

ABSTRACT: It is indicated that welded ship structures employ either thick-webbed bulb strip shapes in accordance with the existing assortment or welded I beams. The material used for these shapes is a steel in which σ_s is 40 kg/mm².

B.Ye.

Card 1/1

DIKOVICH, L.V., inzh.

Determining the bending curve of a hull in docking a vessel.
Trudy NTO sud.prom. 8 no.4:39-62 '59. (MIRA 13:5)
(Hulls (Naval architecture)) (Curvature)

DIKOVICH, L.V., inzh.

Method of calculating the docking of a ship. Sudostroenie 26
no.8:10-14 Ag '60. (MIRA 13:10)
(Docks) (Ships—Maintenance and repair)

AUTHOR: Dikovich, V.V. Candidate of Technical Sciences SOV/97-58-12-7/13
TITLE: Tables for the Calculation of Spherical Concrete Shells
Which are Square in Planform, Under a Uniformly Distributed
Load (Tablitsy dlya rascheta plogikh kvadratnykh v
plane obolochek vrashcheniya pri zagruzhenii sploshnoy
nagruzkoy)

PERIODICAL: Beton i Zhelezobeton, 1958, Nr.12, pp.464-468 (USSR)

ABSTRACT: The solution of the problem of the equilibrium
of curved shells freely supported on their rigid
rectangular perimeters has been given by Vlasov (Ref.1).
In the solution the deflection and the stress components
are represented in double trigonometric series. In the
case when the mean surface of the shell is a small part
of a sphere, or part of a paraboloid of revolution, single
trigonometric series are used. By transforming the
solution and separation of the finite part (leaving an
infinite series) calculations can be made whose results
can be used in the design of shells. Vlasov (Ref.3)
Card 1/3 has given tables for bending and torsion moments and

SOV/97-58-12-7/13

Tables for the Calculation of Spherical Concrete Shells Which are Square in Planform, Under a Uniformly Distributed Load.

deflections for such cases when the ratio of the thickness to the maximum rise lies in the range 0 - 10. These tables have been extended by the present author for values of the ratio up to 225. Mileykovskiy and Vasil'kov (Ref.4) have investigated the integration of the equations of a curved shell of double curvature, which are rectangular in planform, using trigonometric series. They assumed that the shell is freely supported on two parallel sides and rigidly or elastically supported on the other two sides. Tables were given for use in practice. In this article the author considers a curved shell, square in planform supported by a diaphragm which is absolutely rigid in its plane and absolutely flexible perpendicular to its plane. It is established that the stressed state of the shell depends on its dimension in plan, the load and a parameter λ which is a function of the ratio mentioned above. The tables and graphs given show that the stressed state of all the shells under consideration can be considered moment-free in the mean sections. The

Card 2/3

SOV/97-58-12-7/13

Tables for the Calculation of Spherical Concrete Shells Which are
Square in Planform, Under a Uniformly Distributed Load.

stresses are distributed almost uniformly through the thickness in these sections. At the boundaries of the shells the stresses are distributed very non-uniformly. This shows that in solving curved concrete shells, moment-free theory cannot be used. The edges of the shell must be reinforced to take tensile stresses caused by the bending moments. There are six figures, 10 tables and 4 Soviet references.

Card 3/3

DIKOVICH, V.V.

Practical suggestions to be used in calculating and designing
sloping rectangular revolving shells. Trudy LPI no.197:73-86
'58. (MIRA 13:3)

(Elastic plates and shells)

PHASE I BOOK EXPLOITATION

SOV/4695

Dikovich, Valentina Vladimirovna, Candidate of Technical Sciences

Pologiye pryamougol'nyye v plane obolochki vrashcheniya (Slanting Shells of Revolution of Rectangular Projection) Leningrad, Gosstroyizdat, 1960. 140 p.
4,500 copies printed.

Scientific Ed.: L.I. Zarkhi, Candidate of Technical Sciences; Ed. of Publishing House: M.Ya. Kaplan; Tech. Ed.: L.V. Voronetskaya.

PURPOSE: This book is intended for engineers and designers.

COVERAGE: The book considers the general solution of the problem of equilibrium of gently slanted shells of revolution of rectangular projection freely supported by rigid end elements in their plane. Based on experimental investigations, recommendations are given for the calculation and construction of reinforced-concrete shells which may be used in designing. Specific calculation examples for the case of a continuous uniformly distributed and unilateral load are presented. No personalities are mentioned. There are 19 references: 15 Soviet, 2 German, 1 French, and 1 English.

Card 1/3

DIKOVICH, V.V. (Leningrad)

Determining flexure for shallow spherical shells. Stroi. mekh. i
rasch. soor. 3 no.5:9-14 '61. (MIRA 14:10)
(Flexure) (Elastic plates and shells)

DIKOVICH, V.V. (Leningrad)

Determining transverse forces in flat spherical shells which are rectangular in the plane. Stroi.mekh.i rasch.soor. 5 no.2:1-4, '63.

(MIRA 16:6)

(Elastic plates and shells)

Country : USSR
Category: Human and Animal Physiology. Blood.
Hemopoiesis.

T

Abs Jour: RZhBiol., No. 19, 1958, 88638

Author : Dikovinova, N.V.

Inst : ~~XXXXXXXXXXXX~~

Title : The Absolute Amount of Bone Marrow Cells and
Myelograms of Normal Rabbits.

Orig Pub: Byul. eksperim. biol. i meditsiny, 1957, 44, No 9,
102-105

Abstract: A homogeneous suspension of the bone marrow of
rabbits, 4-6 months old, weighing 2-2.4 kg, was
prepared and the absolute number of cells in 1 mg
bone marrow tissue of the ribs, femur, humerus and
tibia were counted in a chamber. The basic mass

Card : 1/2

T-13

Country : USSR
Category: Human and Animal Physiology. Blood.
Hemopoiesis.

T

Abs Jour: RZhBiol., No. 19, 1958, 88638.

of the bone marrow cells was formed by erythroid and granulocytic elements. The absolute number of all types of cells obtained for each rabbit was subject to significant fluctuations. In connection with this, it was impossible to establish a relationship between the absolute cell content and their percentile inter-relations in myelograms. -- M.I. Yershovich.

IZ TSENTRAL'NOGO INSTITUTA GEMATOLOGII I PERELIVANIYA KROVI, MOSKVA.

PRELAVLENA DEYSTVITEL'NOST' OTCLENOM AMN SSSR V.V. PARINYM KONE MARROW, ANATOMY AND HISTOLOGY CYTOL, STANDARDS AND MEASUREMENT IN NORMAL RAB (RUS))

Card : 2/2

DIKOVSKAYA, E.I., dotsent, kandidat fiziko-matematicheskikh nauk.

~~Construction of a hypergeometric differential equation of the third order and its solution. Biul.SAGU no.30:35-40 '48. (MLRA 9:5)~~
(Differential equations, Linear)

DIKOVSKAYA, E.I.

Solution of a hypergeometric differential equation of the third order for a case of integral roots of the defining equation. Trudy SAGU 17:39-42 '50. (MLRA 9:5)

(Differential equations)

DIXOVSKAYA, E.I.

Conversion theory of hypergeometric series. Trudy SAGU no.36:35-40
'53. (MLRA 10:3)

(Series)

DIKOVSKAYA, E.I.; SULTANOVA, M.S.

Mathematical expectation values of correlation coefficients in
samples from a normal universe. Trudy SAGU no.37:79-92 '54
[i.e. '53] (MLRA 10:3)

(Correlation (Statistics))

DIKOVSKAYA, E.I.; SULTANOVA, M.S.

Mathematical expectation values of correlation coefficients in
samples from a normal universe. Trudy SAGU no.54:35-41 '54.
(MLRA 10:3)

(Correlation (Statistics))

DIKOVSKAYA, B.I.; SULTANOVA, M.S.

U.S. GOVERNMENT PRINTING OFFICE: 1975

Tables of mathematical expectation values of correlation coefficients for samples from a normal universe. Trudy Inst. mat. i mekh. AN Uz. SSR no.17:75-85 '56. (MLRA 10:4)
(Correlation (Statistics))

DIKOVSKAYA, E.I.; SULTANOVA, M.S.

Table of mathematical expectation values of correlation coefficients
in samples from a normal universe. Trudy SAGU no.66:33-37 '56.
(MIRA 10:1)

(Correlation (Statistics))

DIKOVSKAYA, M.N.

Preventive and therapeutic health service for dairymaids.

Sov.med.18 no.3:47 Mr '54.

(MLRA 7:2)

1. Iz gosptal'noy terapevticheskoy kliniki (zaveduyushchiy A.A. Demin) Novosibirskogo meditsinskogo instituta.

(Occupations--Diseases and hygiene) (Neuralgia) (Dairying)

DIKOVSKAYA, M.N., assistant

Incidence and peculiarities of the clinical course of rheumatic fever among the rural population of Novosibirsk Province. Trudy Novosib.gos.med.inst. 27:316-330 '57. (MIRA 12:9)

1. Iz kafedry gosital'noy terapii (zav.prof. A.A.Domin)
Novosibirskogo meditsinskogo instituta.
(NOVOSIBIRSK PROVINCE---RHEUMATIC FEVER)

DIKOVSKAYA, L.N., Cand Med Sci—(diss) "Morbidity, clinical forms, and the course of rheumatism among the rural and urban population of Novosibirskaya Oblast." Novosibirsk, 1958. 13 pp (Novosibirsk State Med Inst), 250 copies (KL, 49-58, 127)

TARASEVICH, N.I.; IOFFE, M.M.; POPOV, S.M.; VEKLICH, M.I.; DRAUSAL', A.V.;
DIKOVSKIY, A.M.; MERKULOV, V.G., ARNO, B.E.

Saving electric power and increasing the output of electric bell
furnaces; suggested by N.I. Tarasevich and others. Prom. energ.
13 no.8:20-21 Ag '58. (MIRA 11:10)
(Electric furnaces)

DIKOVSKIY, A. M.,

"The Nervous System in Brucellosis," Tezisy Dokladov 12-y Nauchnoy
Sessii Stalingradskogo Meditsinskogo Instituta, Stalingrad, Vol 3,
1952, pp 67, 68.

DIKOVSKIY, A.M.

Some critical remarks on the textbook "The study of acute infectious diseases" by G.A. Ivashentsov, M.D. Tushinskii, V.A. Bashenin, M.G. Danilevich. Reviewed by A.M. Dikovskiy. Zhur.mikrobiol.epid.i immun. no.4:85-88 Ap '53. (MLRA 6:6)

(Infection) (Ivashentsov, G.A.) (Tushinskii, M.D.) (Bashenin, V.A.) (Danilevich, M.G.)